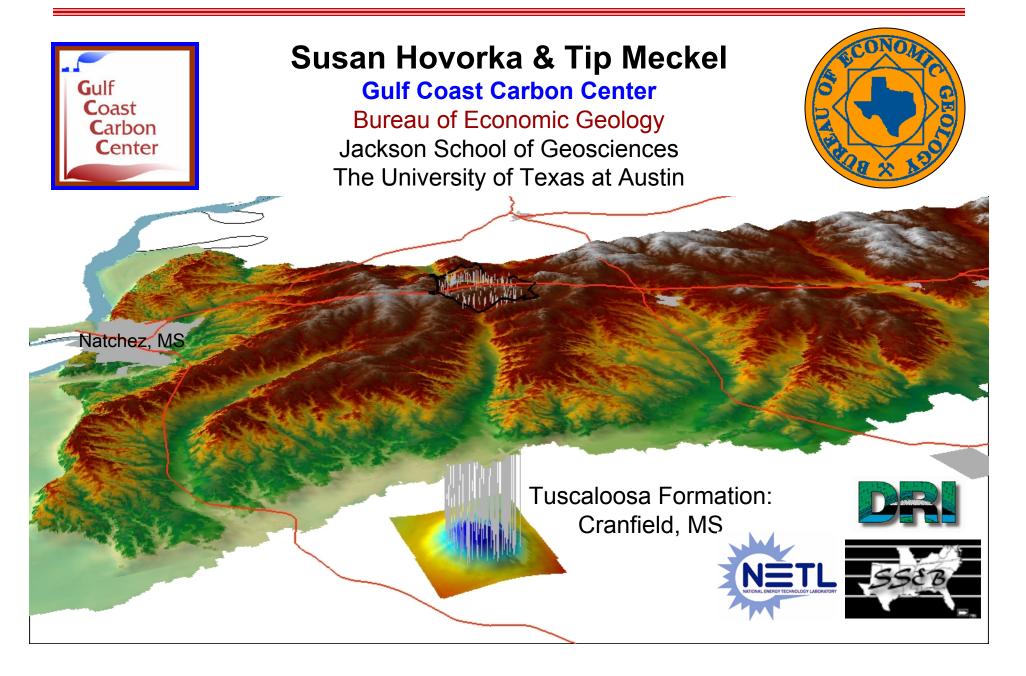
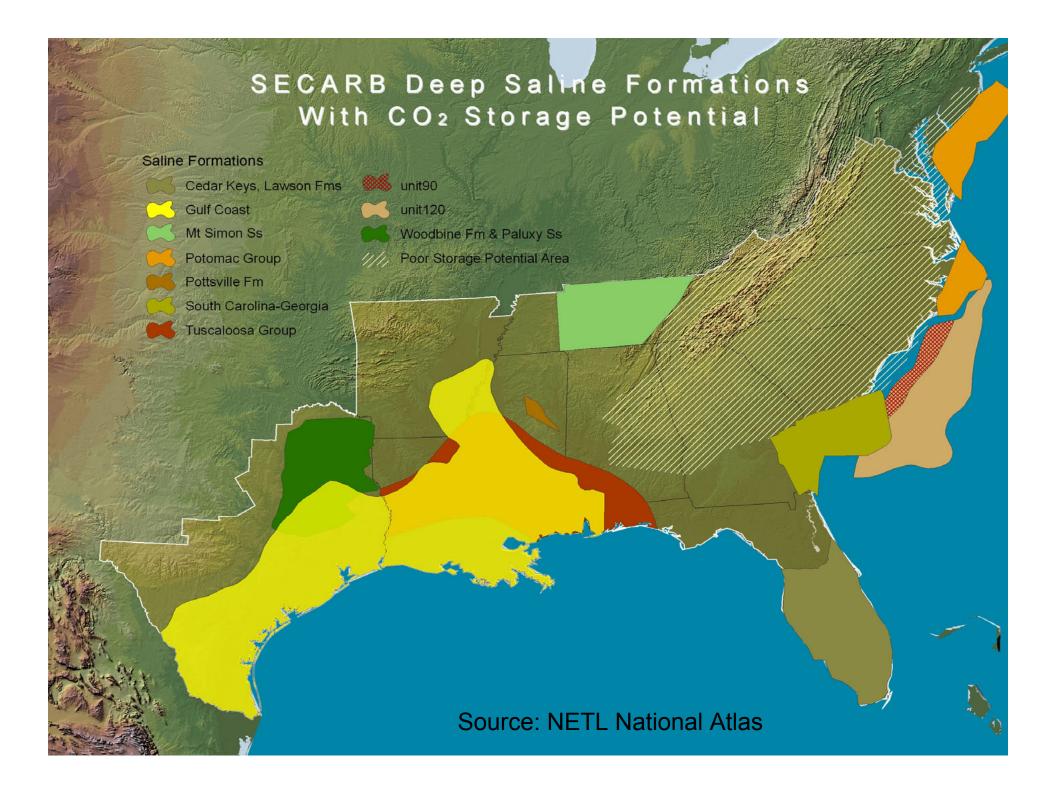
Gulf Coast Stacked Storage Field Test





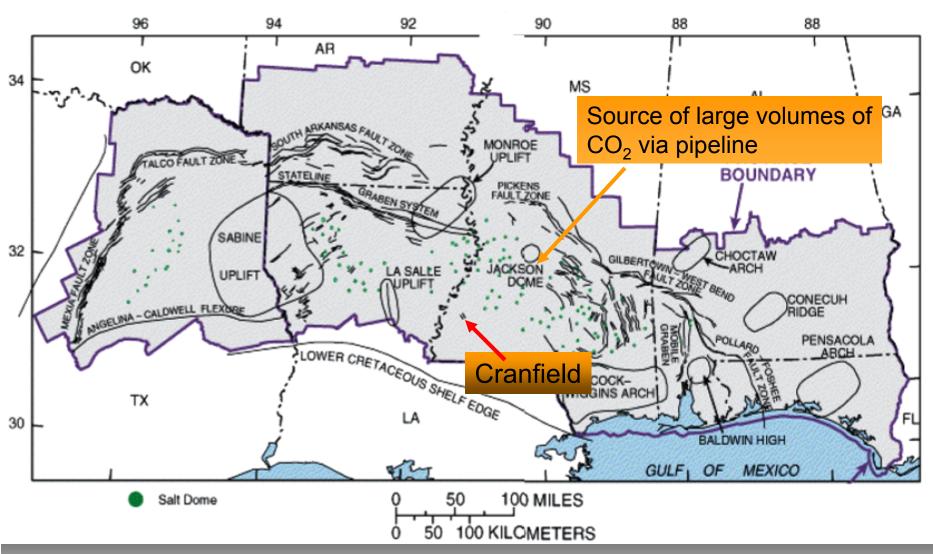
Considerations for Site Selection

- Large volumes of CO₂ available in 2007 at no project cost from Denbury's Sonat pipeline.
- Well-known geologic environment representing a formation of regional significance.
- Minerals rights owned by Denbury.
- Surface ownership well known.
- Opportunity to re-enter existing well(s) for monitoring (minimized well costs).

Expected results

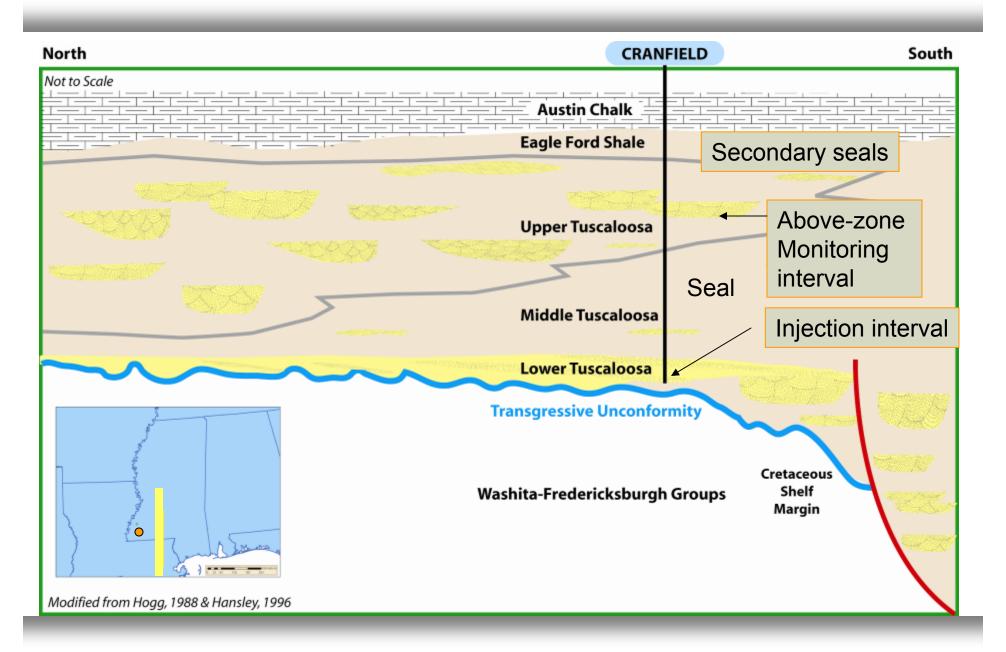
- Documenting that the observed injection is effective: Increased confidence in reservoir + seal performance for a widely prospective formation.
 - Above-zone monitoring
- Development of best practices for MMV for application in future commercial storage sites.
- Determination of adequacy of current regulations for avoiding unacceptable risks.
 - Wellbore integrity, reservoir pressure response.

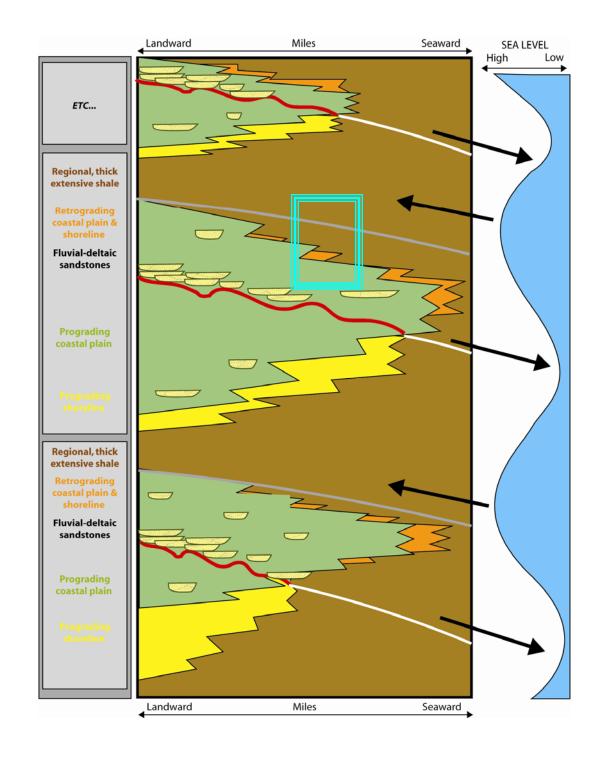
Cranfield is part of Upper Cretaceous Tuscaloosa-Woodbine Trend of the Mississippi Salt Basin

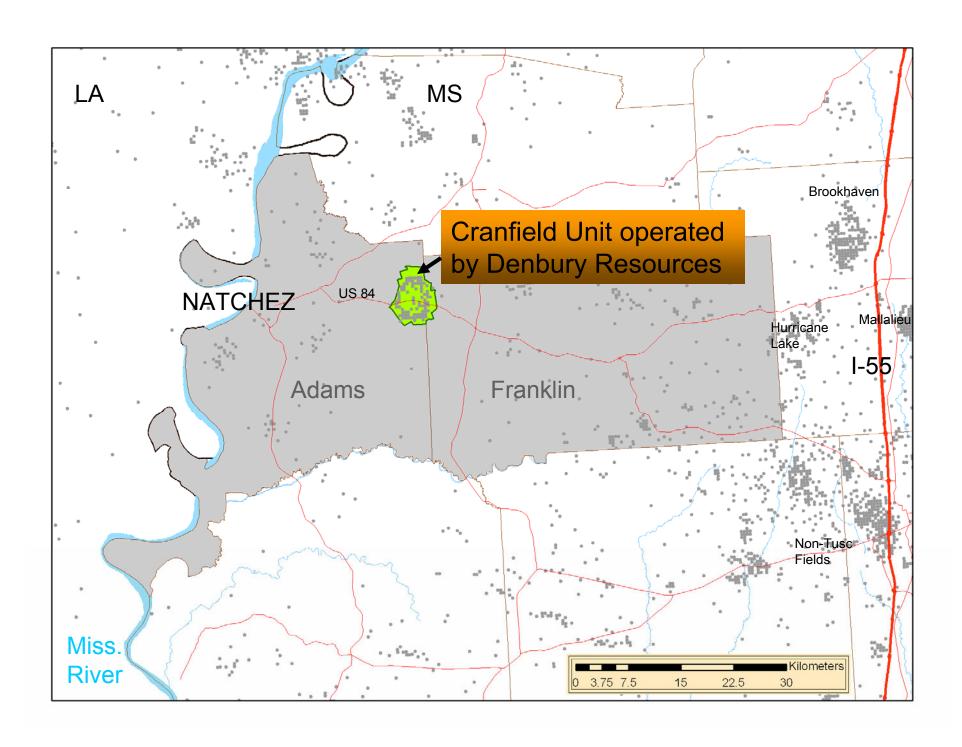


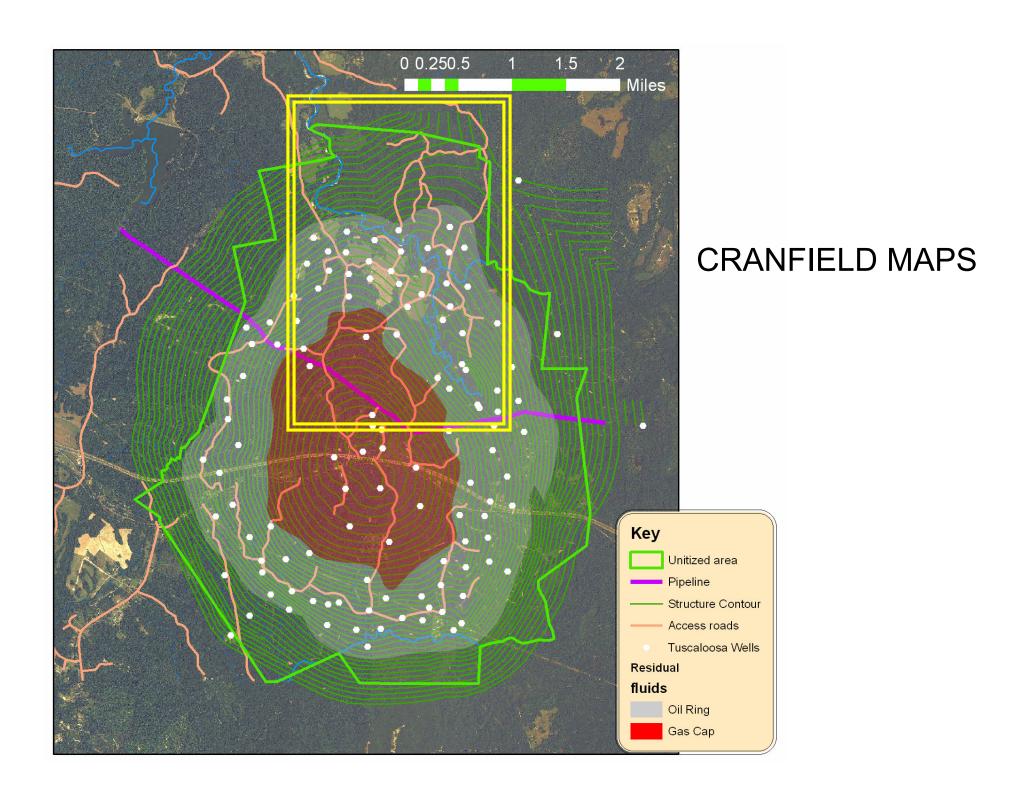
Source: Dutton and others 1993

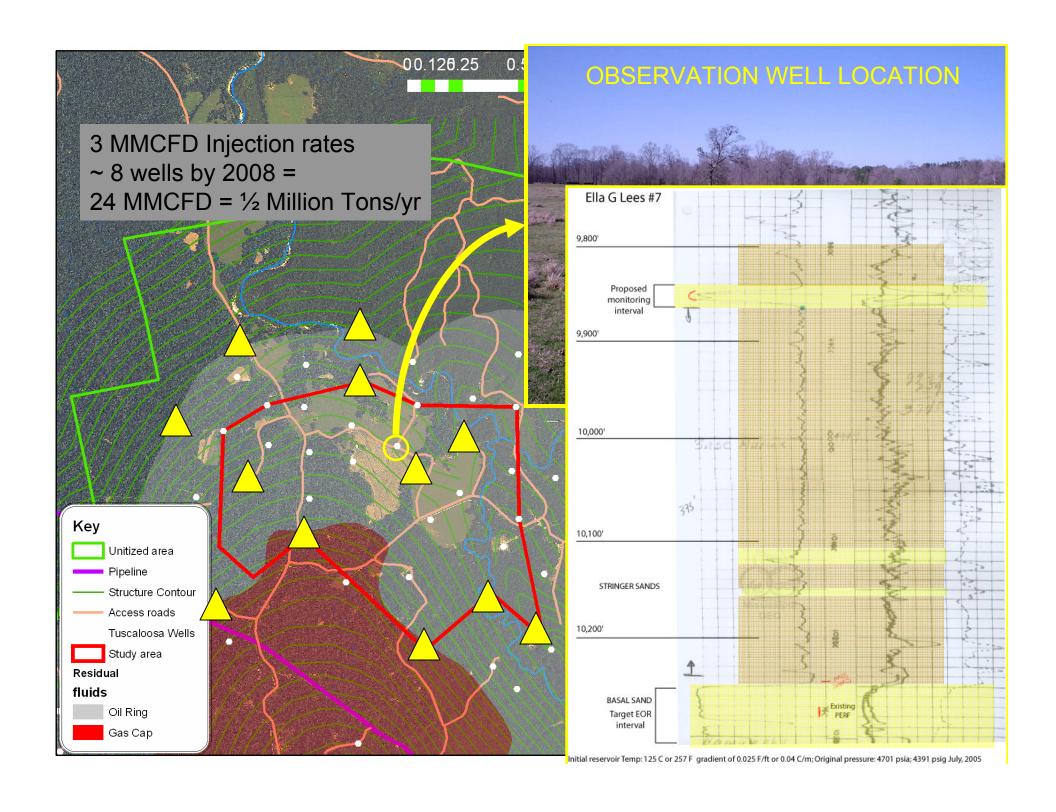
Schematic Upper Cretaceous cross-section



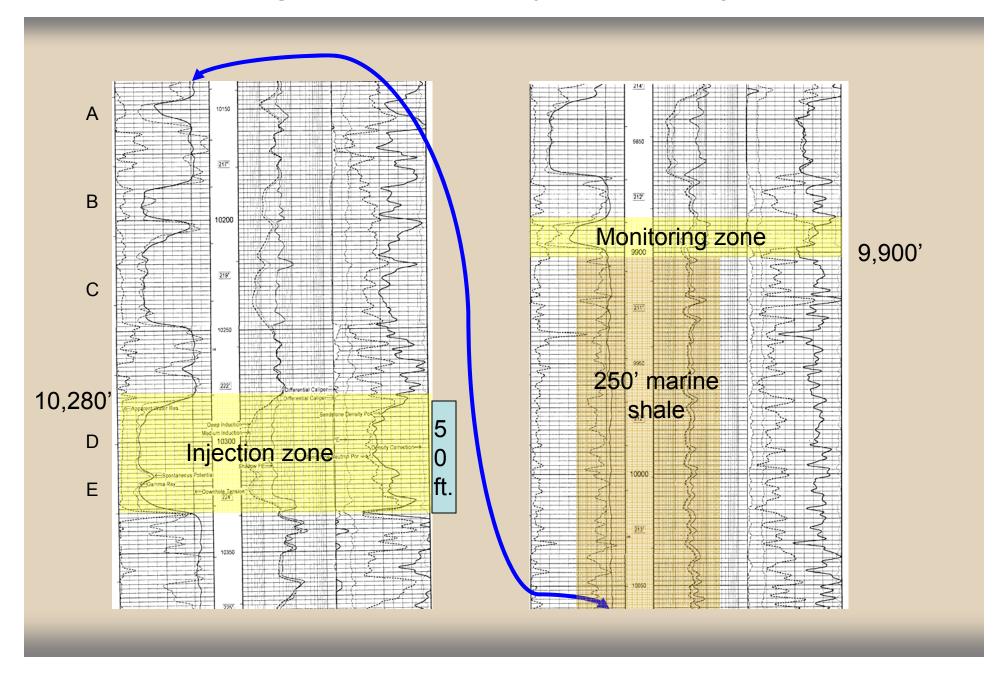




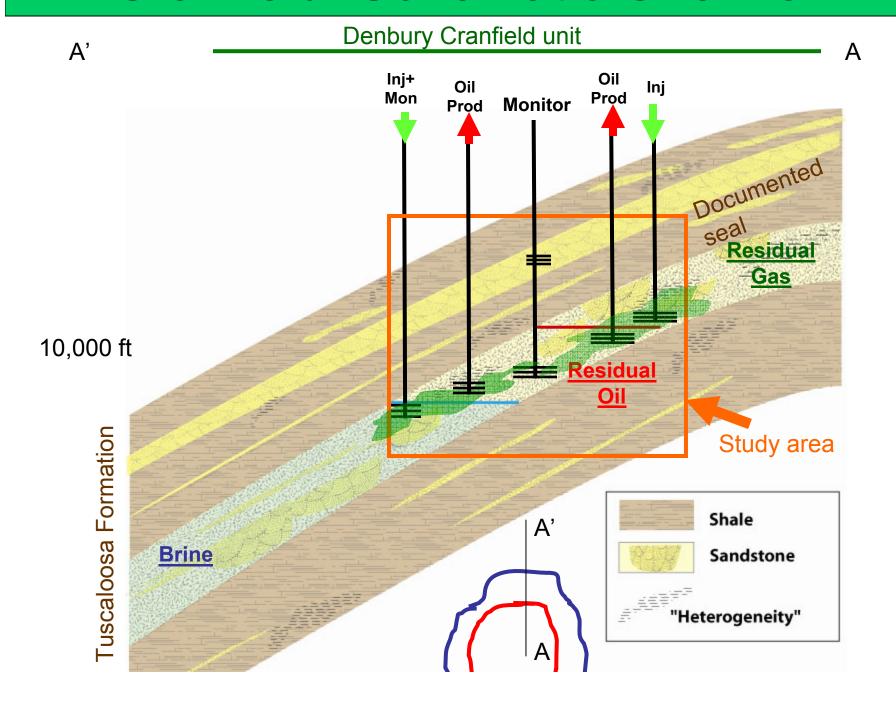




Modern log from recently drilled injector well



Cranfield Schematic Overview

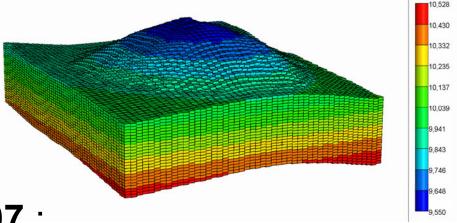


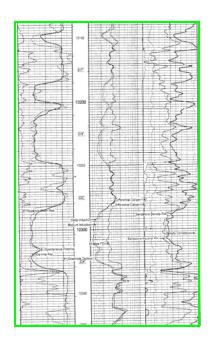
Monitoring Well Instrumentation

- Injection and monitoring zone press+temp
 - Fiber optic Distributed Temperature Sensing
- Down-hole pasive microseismic
 - Geophones and/or fiber optic Bragg Grating
 Accelerometer
- RST logging- model matching
- Extensive primary and repeat well logging campaign throughout field.
- Well integrity logging: Caliper, cement bond, ultrasonic.

STATUS

- Environmental questionnaire submitted.
- Field visit for scoping.
- Denbury's first injector drilled, logged.
 - Core analysis underway.
- Model under construction.





Summer 2007:

- Re-enter unused production well, instrument for continuous monitoring.
- 3-D Seismic

Thanks to all our collaborators and sponsoring organizations!











Denbury Resources, Inc.















